

## Section I. (Amendments to the Specification)

At page 2, replace the first paragraph (reading "This is a Divisional of U.S. Application No. 10/043,731, filed on January 10, 2002, now pending.") with the following new replacement paragraph:

### CROSS-REFERENCE TO RELATED APPLICATION

This is a ~~Divisional~~ division of U.S. Patent Application No. 10/043,731, filed on January 10, 2002, now ~~pending~~ issued as U.S. Patent No. 6,620,225.

At page 25, replace the paragraph beginning at line 7 with the following new paragraph:

Tests were conducted to determine the sorbate storage capacities of two porous metal adsorbent materials. The first adsorbent is formed by sintering ~~Inco-Type®~~ INCO® Type 210 nickel powder (commercially available from Inco Limited, Wyckoff, New Jersey, USA) and the second adsorbent was formed from ~~Incofoam®~~ INCOFOAM® porous nickel substrate (commercially available from Inco Limited, Wyckoff, New Jersey, USA). Each adsorbent was placed in a 7 micron ~~Swagelok®~~ SWAGELOK® filter cup (commercially available from Swagelok Company, Solon, Ohio, USA), which was then positioned in a stainless steel container having an interior volume of 50 ml.

At page 26, replace the paragraph beginning at line 1 with the following new paragraph:

Similar tests for adsorbents formed of ~~Inco-Type®~~ INCO® Type 210 nickel powder (commercially available from Inco Limited, Wyckoff, New Jersey, USA) and of ~~Incofoam®~~ INCOFOAM® porous nickel substrate (commercially available from Inco Limited, Wyckoff, New Jersey, USA) were conducted to determine the storage capacities of such adsorbents for Br<sub>2</sub> gas.

At page 26, replace the paragraph beginning at line 3 with the following new paragraph:

The test results were as follows: